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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/567,126 ✓
	Filing Date	February 1, 2006
	First Named Inventor	Vera Cherepinsky
	Art Unit	To be assigned
	Examiner Name	To be assigned
Total Number of Pages in This Submission	Attorney Docket Number	035950/US/2 - 475396-00167

ENCLOSURES (Check all that apply)		
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Firm Name	Dorsey & Whitney, L.L.P.		
Signature			
Printed name	Gary Abelev, Esq.		
Date	August 25, 2006	Reg. No.	Reg. No. 40,479

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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35950/US/2 - 475396-00167  
PATENT


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s) : Vera Cherepinsky et al.  
Serial No. : 10/567,126  
Filed : February 1, 2006  
Entitled : METHODS, SOFTWARE ARRANGEMENTS AND STORAGE  
MEDIA, AND SYSTEMS FOR GENOTYPING OR  
HAPLOTYPING POLYMORPHIC GENETIC LOCI OR  
STRAIN IDENTIFICATION  
Group Art Unit : To be assigned  
Examiner : To be assigned

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

I hereby certify that this document is being sent via First Class U. S.  
mail addressed to: Commissioner for Patents, P.O. Box 1450,  
Alexandria, Virginia 22313-1450 on this day of August 25, 2006.

  
(Signature)  
Gary Abelev, Esq.

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants bring to the attention of the Examiner the documents listed on the attached Form PTO 1449, and respectfully request that the listed documents be considered by the Examiner and made of record in the above-captioned application. An original book by Thomas M. Cover et al. and copies of the articles listed on the Form PTO-1449 are enclosed.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed documents are material or constitute "prior art." If the Examiner applies the documents as prior art against any claim in the

application and applicants determine that the cited documents do not constitute “prior art” under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of the documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should the documents be applied against the claims of the present application.

This submission is being filed before any action by the U.S. Patent and Trademark Office on the merits. Therefore, applicants do not believe that any fee is due in connection with the submission of this paper. However, if any fee is due, or if any overpayment has been made, the Commissioner is authorized to charge any such fee or credit any overpayment, to our Deposit Account No. 50-2054.

Respectfully submitted,

**DORSEY & WHITNEY, LLP**



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Gary Abelev  
PTO Reg. No. 40,479  
Attorneys for Applicants  
(212) 415-9371

Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.  
035950/US/2 - 475396-  
00167

Serial No.  
10/567,126

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

(Use several sheets if necessary)

Applicant(s)  
Vera Cherepinsky et al.

Filing Date  
February 1, 2006

Group  
To be assigned



**U.S. PATENT DOCUMENTS**

*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate

**FOREIGN PATENT DOCUMENT**

Document No.	Date	Country	Class	SubClass	Translator Yes No

**OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)**

	Clarissa Consolandi et al., "Detection of HLA Polymorphisms by Ligase Detection Reaction and a Universal Array Format: A Pilot Study for Low Resolution Genotyping" Elsevier 2003, Vol. 64, pages 168-178
	Lars Kaderali et al., "An Algorithm to Select Target Specific Probes for DNA Chips", 2001 <a href="http://citeseer.nj.nec.com/kaderali01algorithm.html">http://citeseer.nj.nec.com/kaderali01algorithm.html</a> pages 1-10
	James Boreman et al., "Probe selection algorithms with applications in the analysis of microbial communities", Bioinformatics 2001, Vol. 17, pages S39-S48
	Michael Luby, "A Simple Parallel Algorithm for the Maximal Independent Set Problem", ACM, 1985 pages 1-10
	K. Cao et al., "Reviews in Immunogenetics", Vol. 1 No. 2, 1999
	Thomas M. Cover et al., "Elements of Information Theory" John Wiley and Sons, New York 1991

4820-6054-1441\1

Examiner

Date Considered

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.